**FAMOUS PHYSICIST RESEARCH PROJECT**

Name of Scientist: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Project due date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

This is an independent project where students will research and present to the class a particular scientist (living or not-living) that made some sort of contribution to our world. Whether the scientist invented something, made something better, contributed enormous ideas, or discovered something, we want to know about it! You will have three days to complete your research. The first day should be spend researching several of the names listed below in order to find the person you are most interested in presenting to the class.

**You have 4 choices for the type of project that you complete**. In each case, you will present your project to your class.

1. Write a front-page news story/article about your scientist and explain how he/she and the invention, discovery, contribution affects your life.
2. Create a printed children’s book, important details about your famous scientist, including pictures.
3. A Powerpoint presentation with a minimum of 10 slides.
4. Create a small 3-D (physical) model that represents what your famous scientist achieved, with an accompanying information plaque (similar to a museum plaque).

**What should be included in your project**?

1. The first, middle and last name of your scientist.

2. A mug shot (picture of your scientist).

3. Years living (examples: 1901-1959; 1973 - ?)

4. Their early years.

5. Their field of study (for example: biology, zoology, marine biology, botany)

6. The country they were born in.

7. Where they did / do their work.

8. A description, in your own words, of what your scientist is most famous for.

9. Pictures, graphics or illustrations of what your scientist is famous for.

10. A few paragraphs, in your own words, explaining how their accomplishment has benefited the world.

11. Two interesting facts about your scientist.

11. A quote by your scientist

12. A place named after your scientist (may not apply)

**Display of information**

Your work must be attractive.

By attractive I mean neat. If your handwriting is sloppy you should type it. You should have proper spelling and complete sentences. Capitalization and punctuation is also required. For the PowerPoint, make your use the same font size and type for all headings. The bullets should also have a consistent font type and size. Make sure the audience can read the slides.

Your work must be colorful.

I should see vivid color. Use markers, paper and other supplies to enhance the overall look of your final product. When looking at your project the class should say, “you really took the time to make your project”. For the PowerPoint, make sure the background is consistent throughout the presentation. Make sure the audience can read the text and the background does not overwhelm the slide.

Your project must be creative.

Think of ways to make your project stand out from the crowd. Use all of the space available to you. Your PowerPoint must have an image on every slide as well as bullet text.

Your project must be informative.

In order to meet this requirement you must complete all of the research on your assigned scientist. You should think carefully about how they benefited the world and present this to your readers so that they believe that your scientist is truly a FAMOUS scientist.

**You may choose one of the following scientists:**

1. Feynman, Richard

2. Newton, Sir Issac

3. Galilee, Galileo

4. Tesla, Nicola

5. Fermi, Enrico

6. Einstein, Albert

7. Bohr, Neils

8. Born, Max

9. Hawking, Stephen

10. Heisenberg, Werner

11. Plank, Max

12. Curie, Marie

13. Oppenheimer, Robert

14. Gamow, George

15. Gell-Mann, Murray

16. Hubble, Edwin

17. Meitner, Lise

18. Rutherford, Ernest

19. Hooke, Robert

20. Any other physicist you find with approval from the teacher.

Insights